

843.41127X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: TANAKA, et al.

Serial No.: Not assigned

Filed: February 12, 2002

For: DIRECT-CONVERSION TRANSMITTING CIRCUIT AND  
INTEGRATED TRANSMITTING/RECEIVING CIRCUIT



INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 & 1.98

Assistant Commissioner for Patents February 12, 2002  
Washington, D.C. 20231

Sir:

In the matter of the above-identified application, applicant(s) is submitting a copy of the document listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted, with the New Application. Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.


It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout &

Kraus Deposit Account No. 01-2135 (Case: 843.41127X00), and  
please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS LLP

  
~~Melvin Kraus~~ Ronald J. Shore  
Registration No. ~~22,466~~  
28,577

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Attachments

<b>Form PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DKT. NO.</b> 843.41127X00	<b>SERIAL NO.</b> not assigned
	<b>APPLICANT</b> TANAKA, et al.	
	<b>FILING DATE</b> February 12, 2002	<b>GROUP</b> not assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

15929 U.S. PRO

10/07/02

02/12/02

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	"RF Circuits Technique of Dual-band Transceiver IC for GSM and DCS1800 application", TAKIKAWA, et al.; IEEE 25 <sup>th</sup> European Solid-State Circuits Conference; pp. 278-281; 1999
	AV	
	AW	
Examiner		Date Considered